

Cyber Security Awareness Month

Information Technology Managers Council
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Overview

- Importance of Security
- Greatest Security Risk
- Human Factor
- Whaling
- Cyber Security Awareness Month
- Activities
- Questions



Why is Security Important to the State of Montana?



Importance of Security

Protect Agency/Customer Data

Protect Your Data

Compliance with State and Federal Law



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What is the Greatest Security Risk to Organizations Today?



EMPLOYEES!!!!



This is the reason Education and Awareness is so important.

Human Firewall



The Human Factor



Social Engineering

The practice of obtaining confidential information by manipulating and/or deceiving people.



Examples of Social Engineering

Phishing Email or web site –
bank, job layoff, something
appealing

USB Stick

Telephone – Help Desk,
System Administrator,
Director



Examples of Social Engineering

- Your bank account has been compromised. Click here to get your money returned to you.
- I sent you some pictures of my family, click here.
- Someone has a secret crush on you! Download this application to find out who it is!
- Did you see this video of you? Check out this link!
- Click here to get coupons for free McDonalds meals.

Examples of Social Engineering

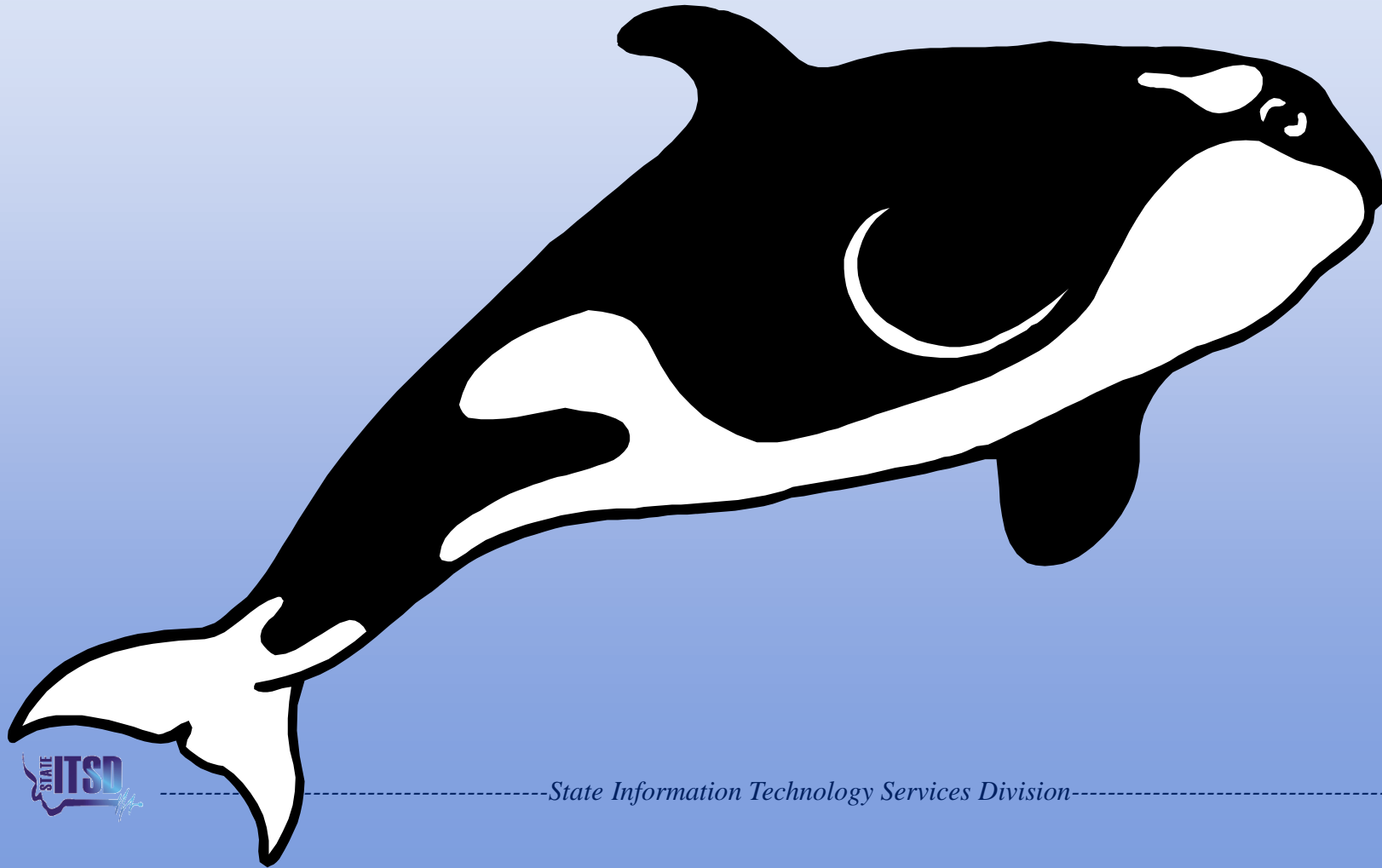
- This is Chris from tech services. I've been notified of an infection on your computer. Click here to have it cleaned.
- You've been let go. Click here to register for severance pay.
- Don't give out any of the following:
 1. PHI – Protected Health Information
 2. PII – Personally Identifiable Information
 3. SSN – Social Security Number
 4. FTI – Federal Tax Information

Examples of Social Engineering

- Don't be fooled into giving out any information about yourself or your organization.
- Don't fall for the dancing pigs!



Whaling



Cyber Security Awareness Month



National Cyber Security
Awareness Month

October 2011

Our Shared Responsibility

staysafeonline.org



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Activities

- Governor signed a letter of support
- Promotion throughout State Government
- Securing the Human Training
- Minute to Win it Games
- Cyber Security Pledge

Cyber Security Pledge

MSISAC.org

- Stop, and Think (consider appropriateness and risk) before I Connect to the Internet.
- Take personal responsibility for security, follow my organization's security policies, and adhere to sound security practices.
- Lock my computer whenever I leave my work area.
- Safeguard portable computing equipment when I am in public places.
- Create and use strong passwords, and never share my password(s) with anyone.
- Never leave a written password (sticky note, etc.) near my computer, or easily accessible.
- Promptly report all security incidents or concerns to my organization's security office or other appropriate contact.
- Safeguard "sensitive data" as well as confidential and/or legally protected (Personally Identifiable Information and Protected Health Information) data from any inappropriate disclosure.
- Work to the best of my ability to keep my organization's staff, property and information safe and secure.
- Spread the message to my friends, co-workers and community about staying safe online.



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Summary

- Importance of Security
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ANY QUESTIONS?

